

> Learn more about **WiFi 6**

Instant Upgrade to WiFi 6

The WiFi 6 standard delivers efficient connectivity that meets the demands of the growing number of connected personal and IoT devices. The **USB-AX56** USB adapter gives your laptop or PC an instant plug-and-play upgrade to WiFi 6.



WiFi 6 2X2 **1800 Mbps**

WiFi 5 2X2 **1200 Mbps**

1.5x
Faster



Ultrafast WiFi Speed

USB-AX56 is a 2x2 dual-band WiFi 6 client that lets you take full advantage of WiFi 6 routers. It offers a total wireless bandwidth of up to 1800 Mbps — 574 Mbps on the 2.4 GHz band and 1201 Mbps on the 5 GHz band. That makes **USB-AX56** up to 1.5X faster than a WiFi 5 client!*

* Comparing the speed of 2x2 802.11ax on 5 GHz / 80 MHz channels with 1024QAM modulation to speed of 2x2 802.11ac on 5 GHz / 80 MHz channels with 256QAM modulation.



4X More Efficient Connections

OFDMA and MU-MIMO greatly increase connection efficiency, giving improved network capacity.*
* A WiFi 6-compatible router is required to enjoy all the benefits of the WiFi 6 standard.



80% Longer Range

OFDMA divides frequency channels into smaller sub-channels, which means they can travel further.**
**Refers to uplink OFDMA performance.



7X Better Power Savings

Target Wake Time allows devices to sleep when they are not active, reducing power consumption.***
***Compared to WiFi 5. Power savings vary according to the scenario.

The Benefits of WiFi 6



Beamforming Boosts WiFi Range

With beamforming, your router can locate **USB-AX56** in order to direct a stronger signal in the direction of your device. Beamforming improves signal strength and hence gives the device better range.

Enhanced WPA3 Network Security

The successor to the well-established WPA2 protocol, WPA3 adds new features that simplify WiFi security, while making your connections much more secure.



Plug-And-Play

USB-AX56 can be plugged easily into laptops or PCs with a USB port to give it full WiFi 6 speed capabilities. **USB-AX56** supports a wide variety of operating systems, making it the perfect choice for any laptop or PC.

